Inventor: MURAKAMI et al.
Docket No.: 10873.1710USWO
Title: MEMORY CELL, MEMORY USING THE MEMORY CELL, MEMORY CELL
MANUFACTURING METHOD, AND MEMORY RECORDING/READING METHOD
Attorney Name: Douglas P. Mueller
Phone No.: 612.455.3804
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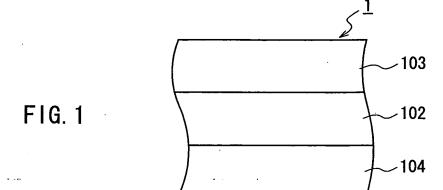
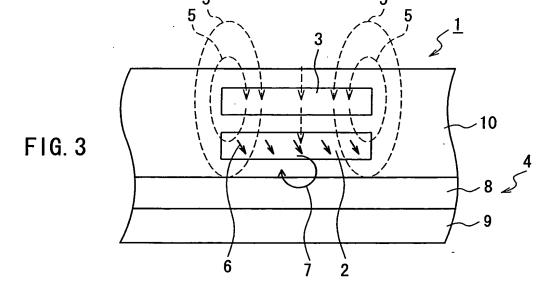
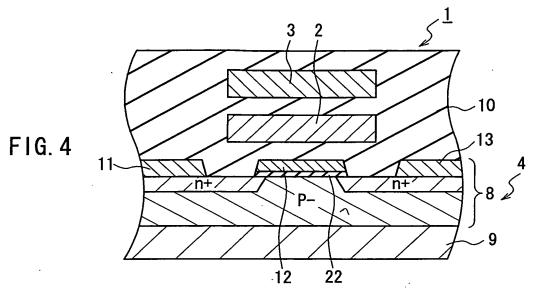
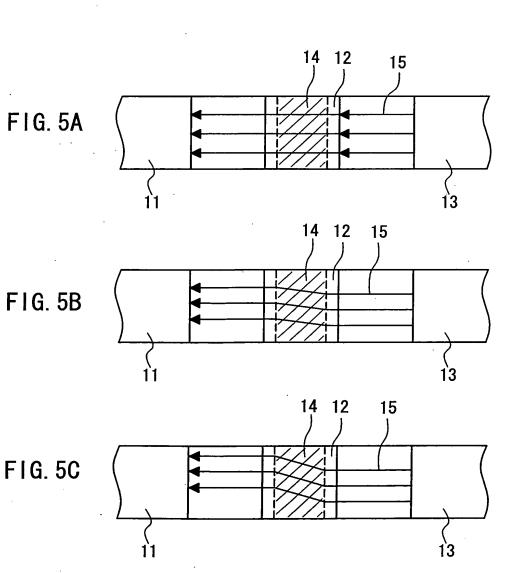


FIG. 2

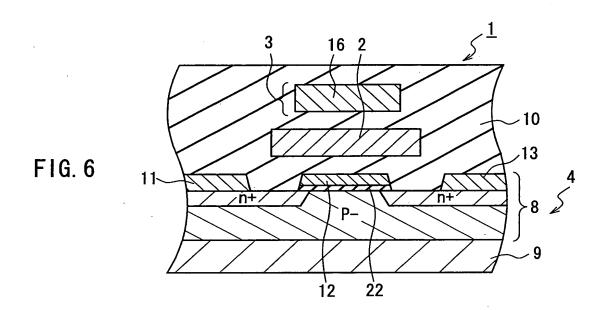


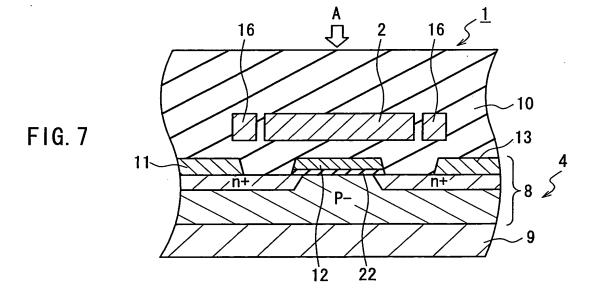
Inventor: MURAKAMI et al.
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Title: MEMORY CELL, MEMORY USING THE MEMORY CELL, MEMORY CELL
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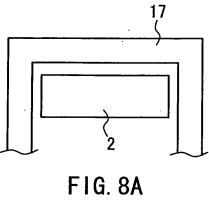


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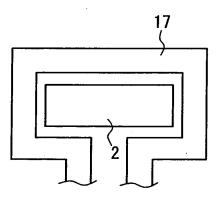


FIG. 8B

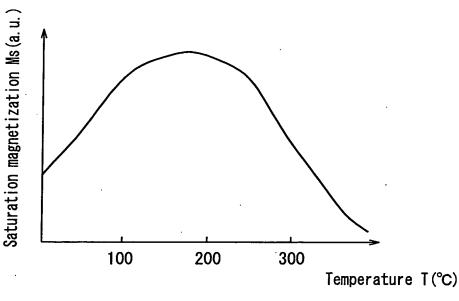
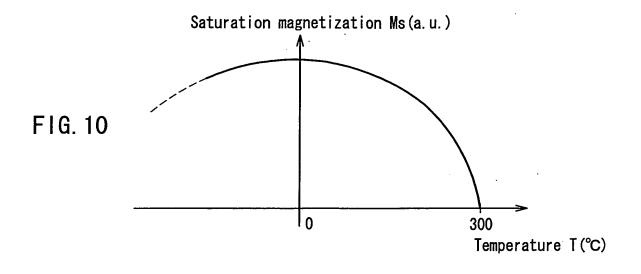
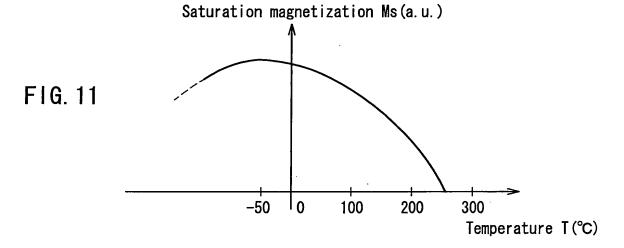
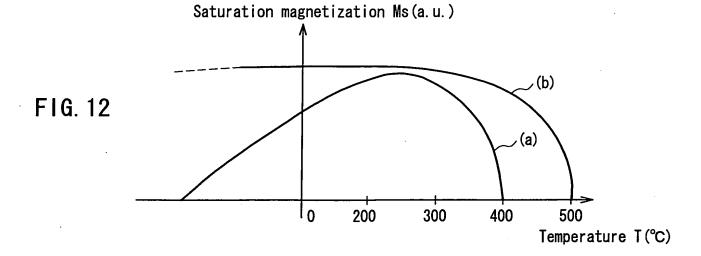


FIG. 9

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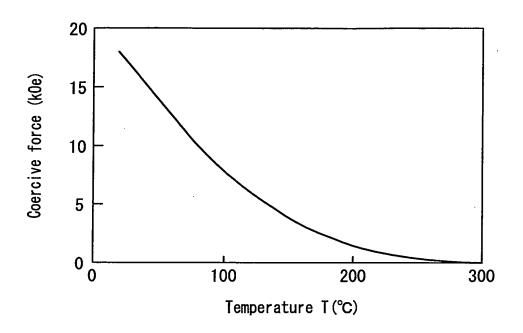


FIG. 13

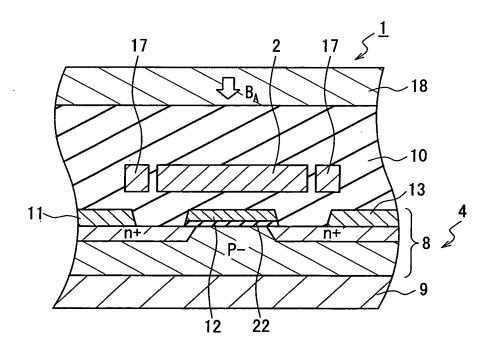
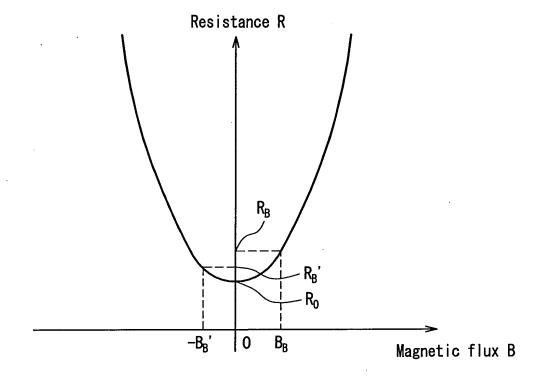


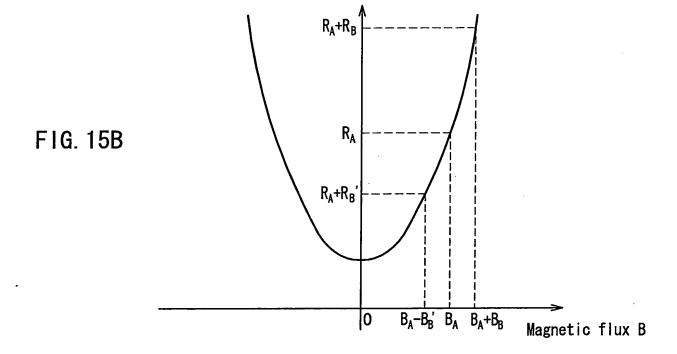
FIG. 14

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FIG. 15A

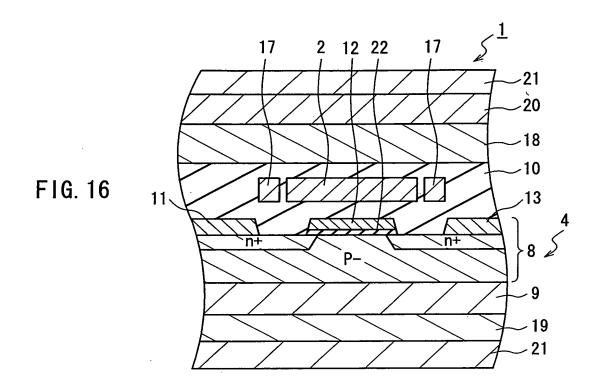


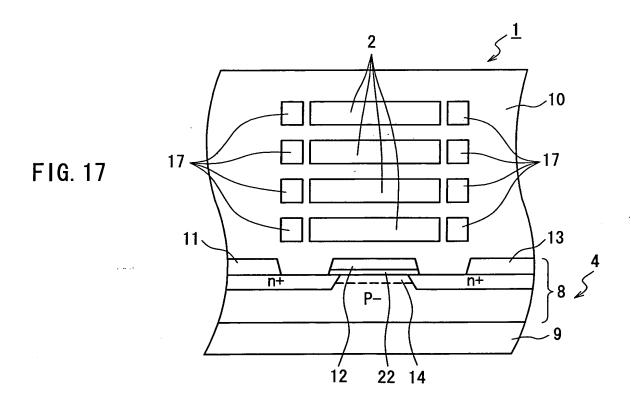


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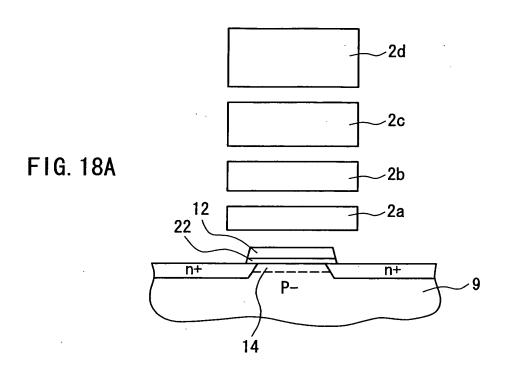
Inventor: MURAKAMI et al.
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Title: MEMORY CELL, MEMORY USING THE MEMORY CELL, MEMORY CELL
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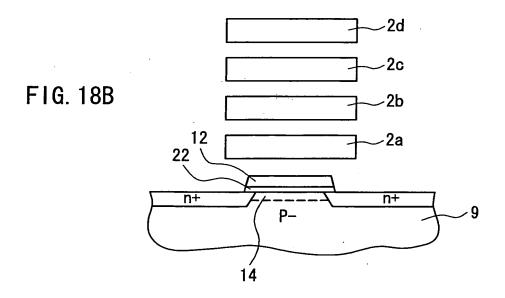
Attorney Name: Douglas P. Mueller Phone No.: 612.455.3804 Sheet 8 of 30





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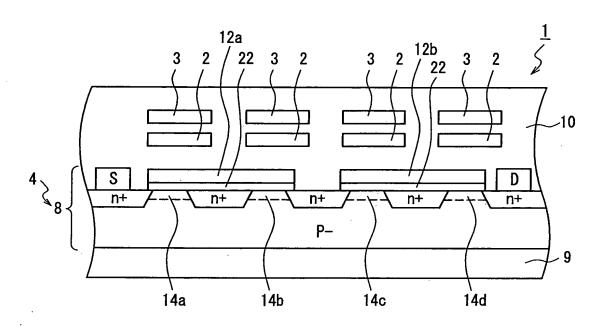


FIG. 19

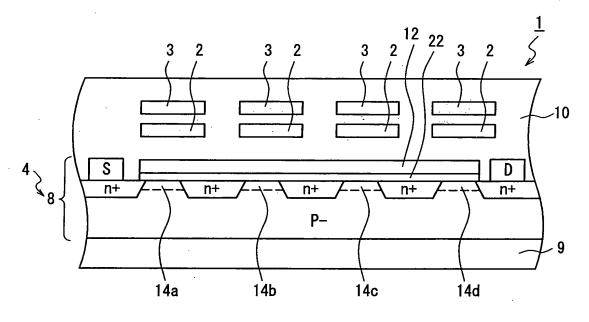


FIG. 20

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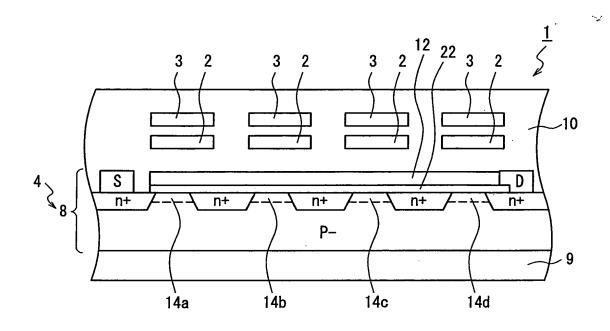


FIG. 21

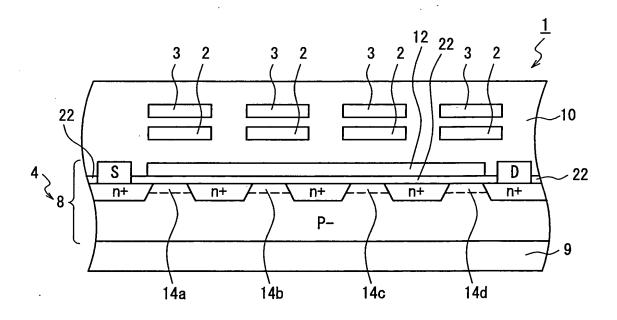


FIG. 22

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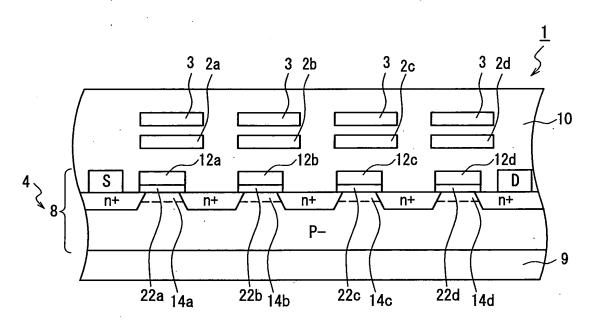


FIG. 23

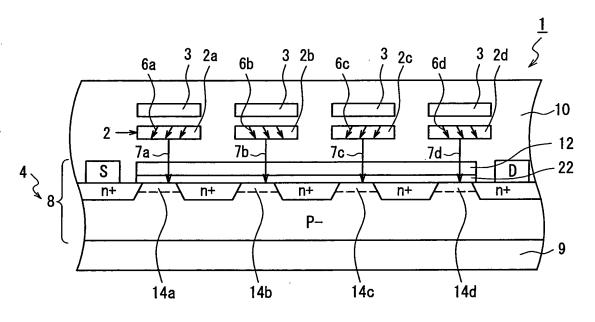


FIG. 24

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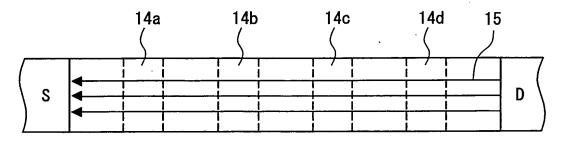


FIG. 25A

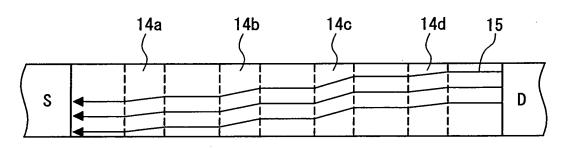


FIG. 25B

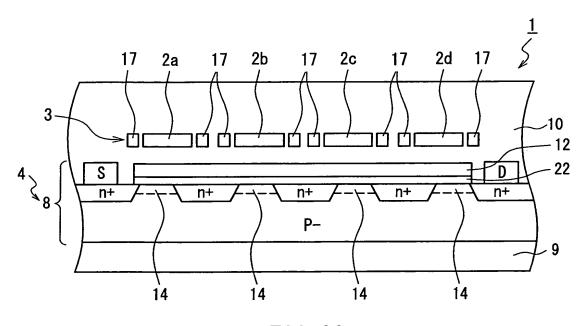
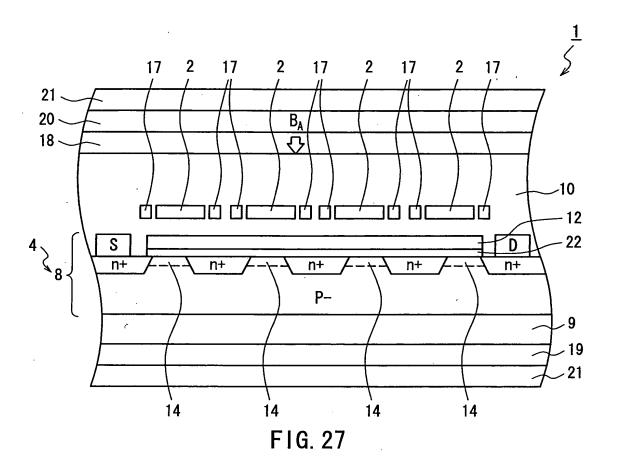


FIG. 26

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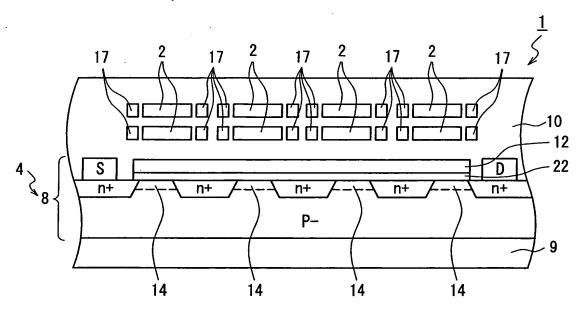


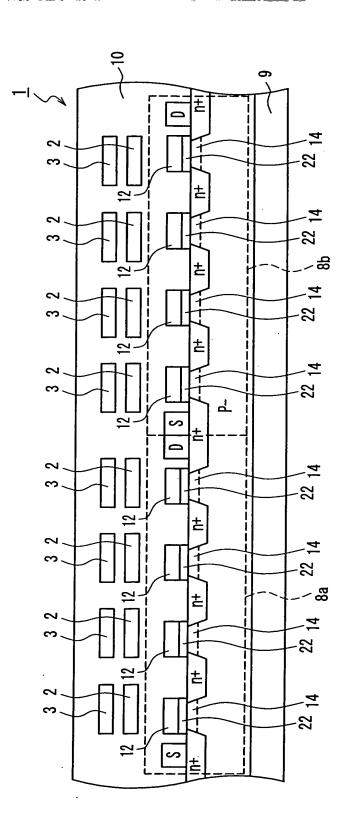
FIG. 28

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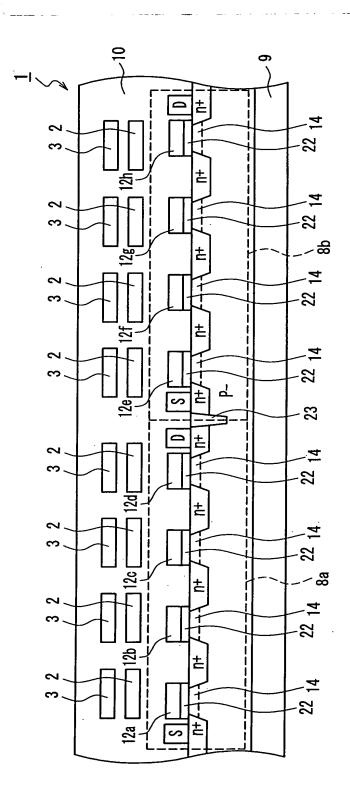
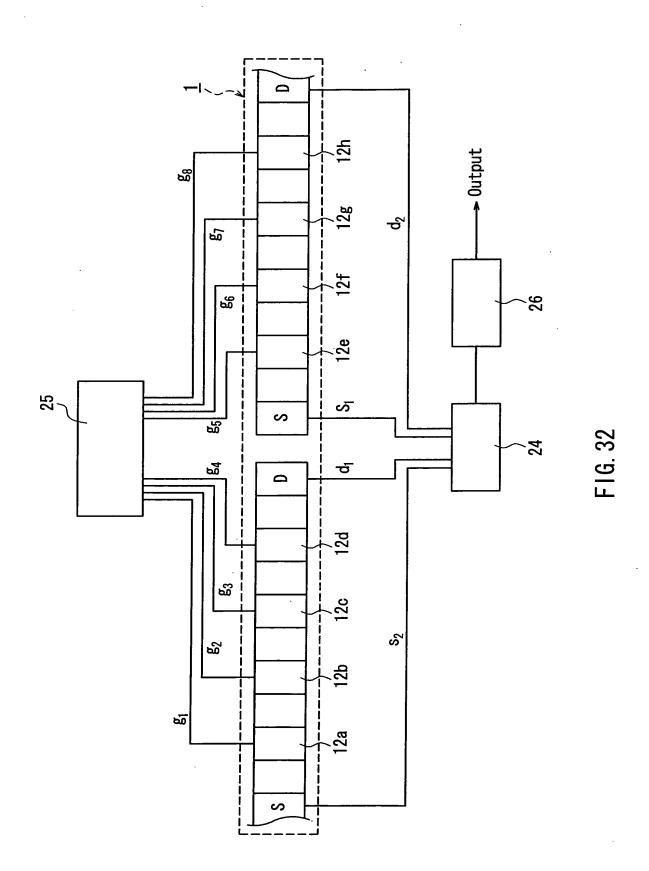


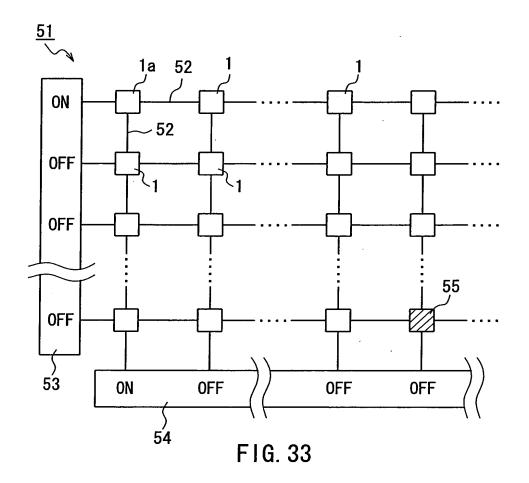
FIG. 31

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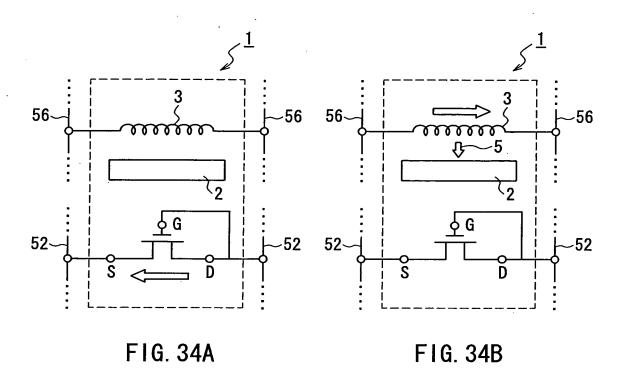
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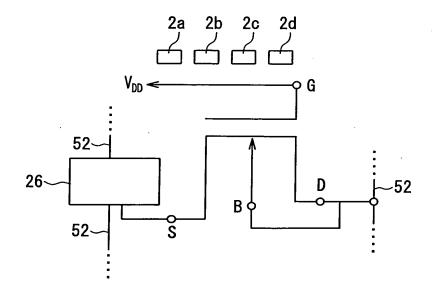
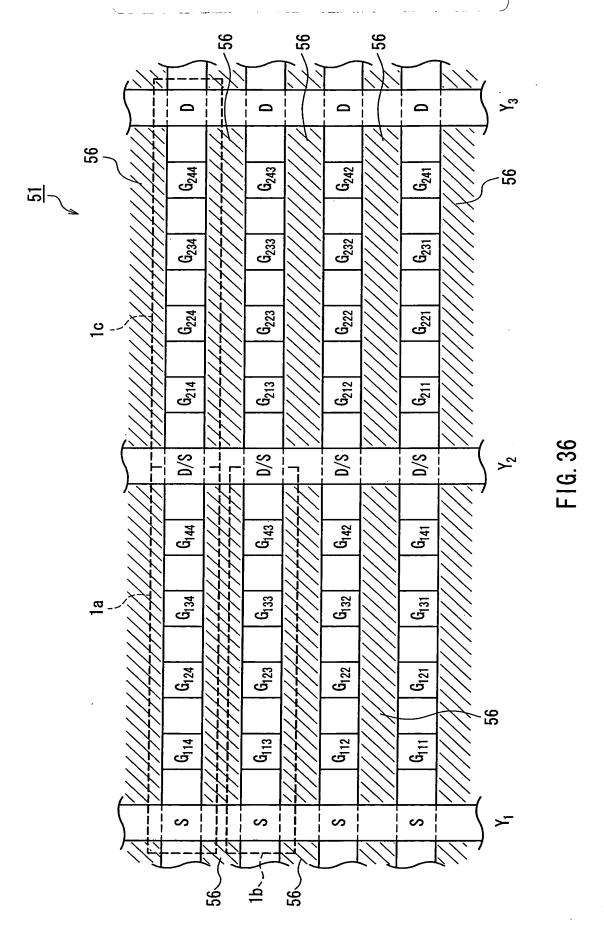


FIG. 35

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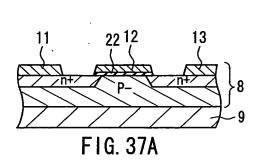
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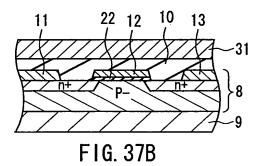


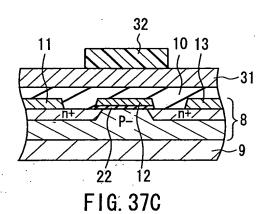
Inventor: MURAKAMI et al.

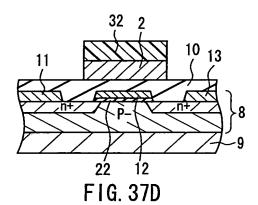
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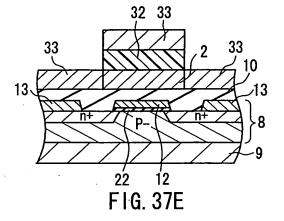
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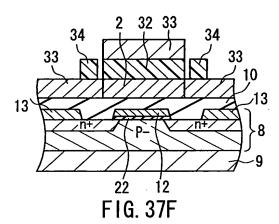


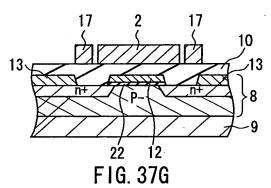


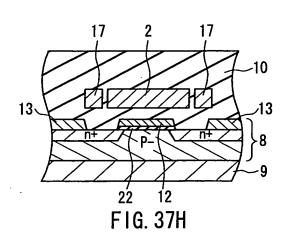












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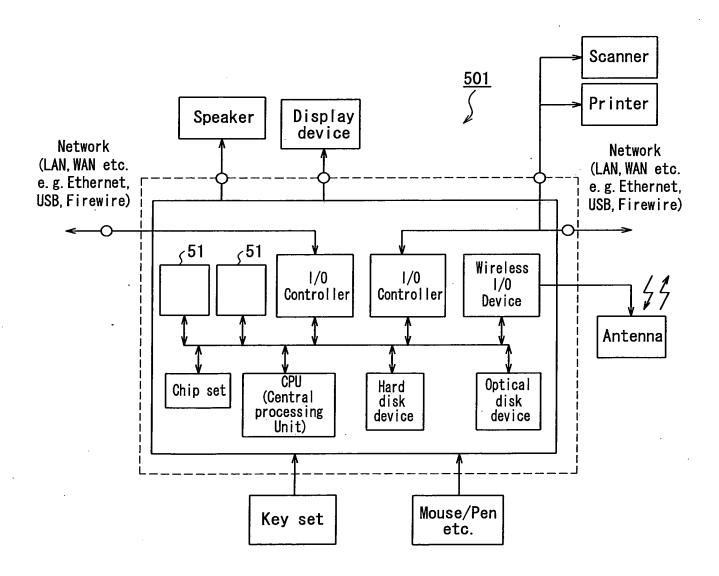


FIG. 38

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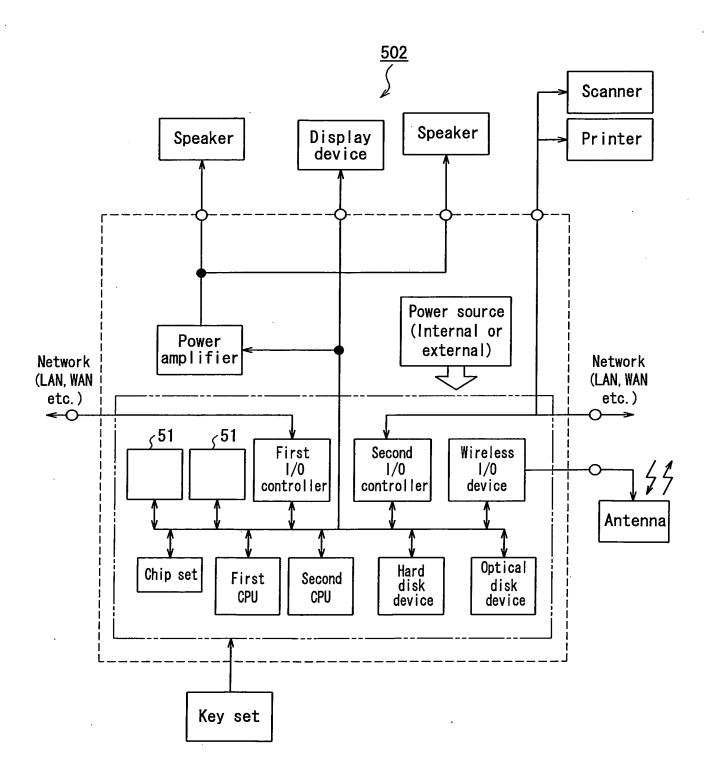
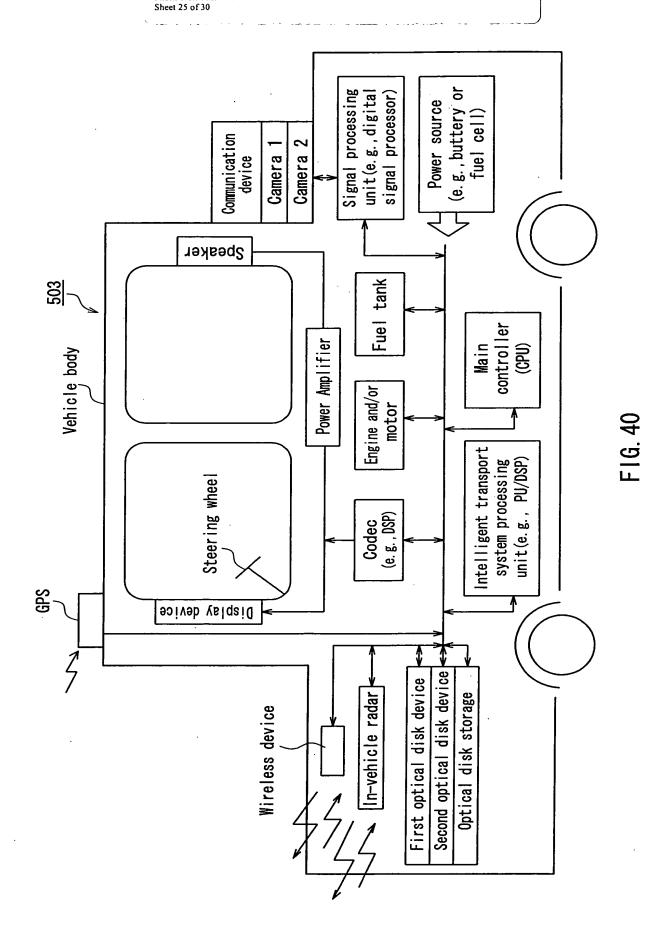


FIG. 39

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Phone No.: 612.455.3804



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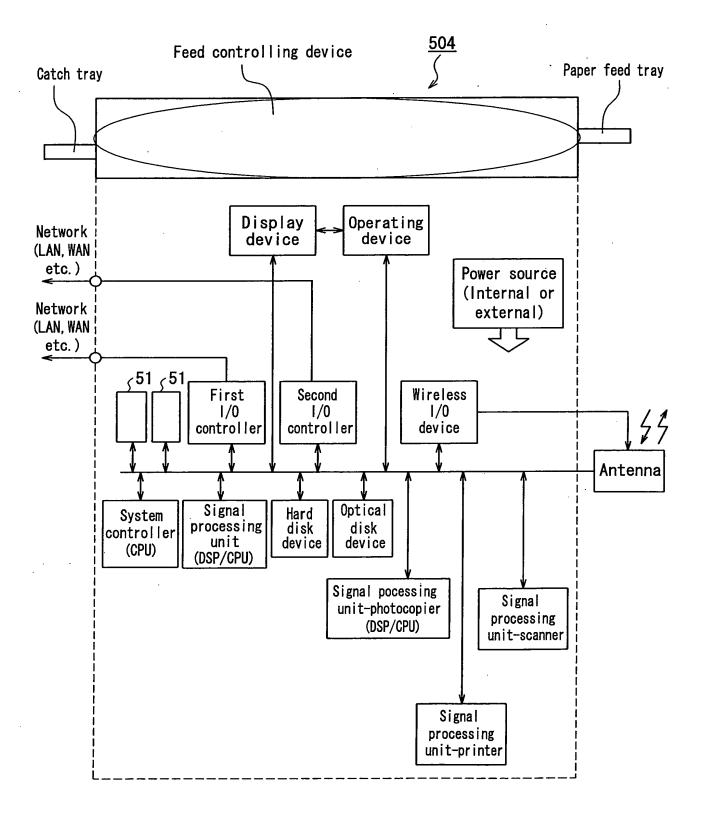


FIG. 41

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Attorney Name: Douglas P. Mueller
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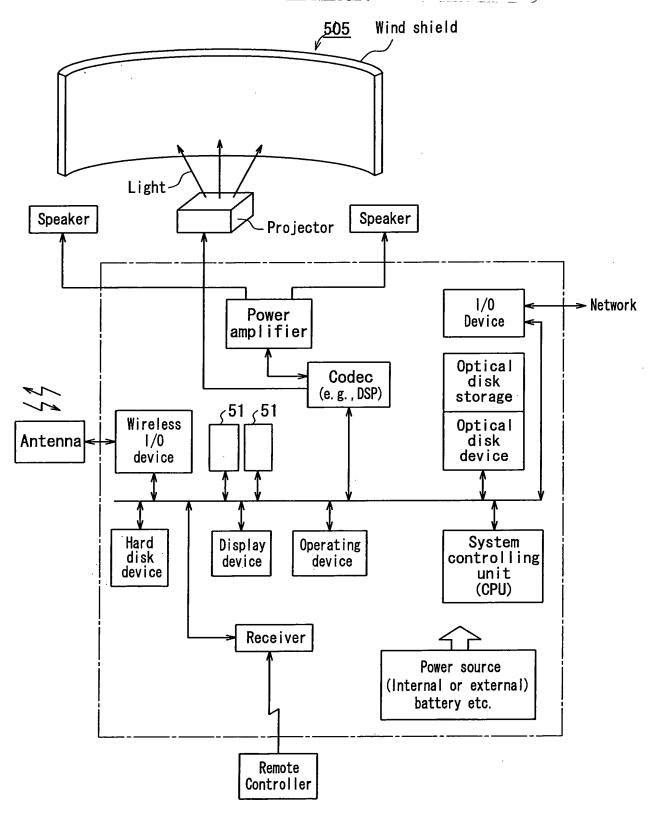


FIG. 42

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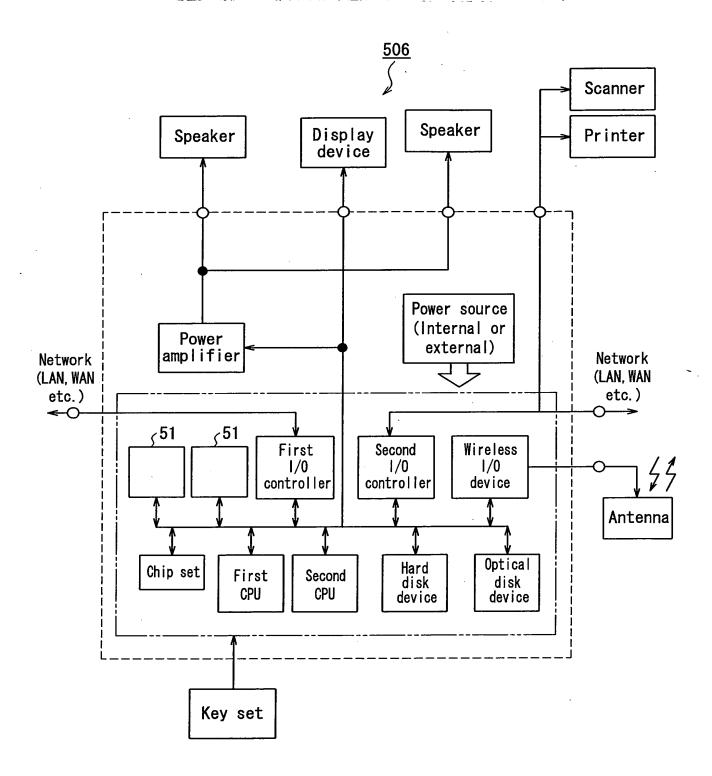


FIG. 43

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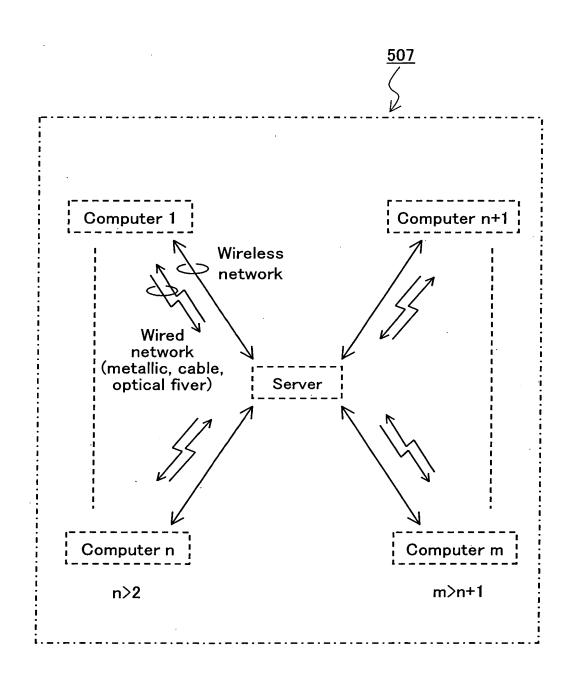


FIG. 44

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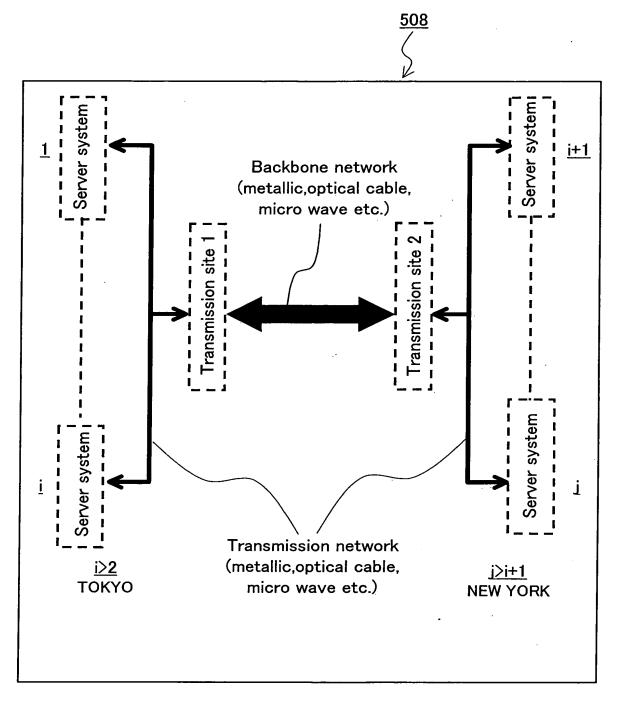


FIG. 45